

Date: Wed, 30 Mar 94 16:12:33 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #348  
To: Info-Hams

Info-Hams Digest                      Wed, 30 Mar 94                      Volume 94 : Issue    348

Today's Topics:

                    ARRL Letter 24 March 1994  
            But Seriously (was Re: New Award Announcement  
                    CALLBOOK ON INTERNET  
            HELP! The FCC will not issue me a ham license (2 msgs)  
                    Obscenity on ham bands  
                    QRZ Question...  
                    silent 700 pinouts?  
            STOP SENDING HAMS ON USENET CRAP !!!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 29 Mar 1994 22:16:36 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
marchbg@network.ucsd.edu  
Subject: ARRL Letter 24 March 1994  
To: info-hams@ucsd.edu

The ARRL Letter Vol. 13, No. 6 March 24, 1994  
FCC surveys telephone interference, says manufacturers could do better  
The FCC has released the results of a telephone interference survey  
and concluded that since some telephones are "bulletproof," all of them  
could be.

Thirty-five FCC field offices each picked three random cases of  
telephone interference on record and then visited the scene. The  
transmitting stations included 47 citizens band, 27 amateur, 23 AM

broadcast, 10 FM broadcast, and one international broadcast station (none were specifically identified).

At the location experiencing interference, the FCC's Field Operations Bureau personnel first tested the telephones on site, then tested their own "bulletproof" telephones, as well as several commercially available filters. Altogether, 241 different telephones were tested.

Among the FCC's conclusions was that transmitter power did not seem to be a significant factor; they said that 10 watts or less caused telephone interference in one-third of the cases.

The FCC also said that filters worked only one-third of the time. "Manufacturers can design telephones to be interference free," the Commission said, citing its bulletproof telephones, which were immune from interference "virtually all of the time."

The FCC said that it hopes the survey will encourage affected parties "to productively address and resolve this problem."

The FCC said it receives 25,000 complaints per year from people who are "unable to use their telephones" because nearby radio stations interfere with them. "Whenever the radio stations are on the air, the telephones pick up their transmissions, which then override any ongoing telephone conversation," the FCC said.

The survey's goals

The survey's goals were to pinpoint the following:

- \* What telephones are affected,
- \* What type transmitting stations are involved (including power levels),
- \* Whether commonly available filters are effective in eliminating interference,
- \* Whether specially designed telephones are effective in eliminating interference.

The report emphasized that because the survey was based on what the FCC called a random sample, "it cannot be claimed that identical results would be derived under scientific surveying and testing, nor should the results be construed as FCC endorsement or criticism of any particular manufacturer's product."

At the transmitting station, FOB staff logged the type of station (ie, amateur, citizens band, broadcast, etc.), measured its power, and got information on antenna height, antenna gain, and distance from the complainant.

At the complainant's location, the FOB disconnected all telephones, then plugged them, one at a time, into a single jack, while the station was transmitting.

Also tested were the effectiveness of several commercially available telephone filters.

Finally, the FOB connected "bulletproof" telephones to the telephone jacks and listened for interference.

The power levels of the transmitting stations varied from 2 watts to half a million watts, one-third of them running less than 10 watts.

Of the 241 telephones tested, 68% received interference. The rest

did not.

In tests of the AT&T Z100B1 filter on 138 telephones receiving interference, 62% of the telephones continued to receive interference. A number of other filters were tested, on 82 telephones receiving interference. As a group, these filters eliminated interference on 29% of the telephones, the FCC said.

The FCC tested its "bulletproof" telephones at 52 locations and found them 96% effective.

#### Conclusions

The FCC said the transmitting stations most likely to cause telephone interference are citizens band, amateur, and broadcast stations. Citizens band stations accounted for half the telephone interference cases, while amateur and broadcast stations caused the other half.

The power levels used by the transmitting stations did not appear to be a significant factor in causing telephone interference, the FCC concluded, based on power levels of 10 watts or less causing a third of the interference.

"Although some telephones did not receive interference, the limited nature of [this survey] would not support the conclusion that [those particular models] would always reject interference," the FCC said.

On the other hand, models that were observed to be susceptible to interference by the FCC can be presumed to be susceptible in other installations.

The FCC said that telephone interference filters "cannot be relied upon to eliminate telephone interference," since, in two out of three cases in this survey, they didn't work.

"Manufacturers can design telephones to be interference free," the FCC said. "'Bulletproof' telephones were immune from interference virtually all of the time.

"Notwithstanding the 25,000 reports of telephone interference the FCC has received to date," the FCC said, "it is FOB's experience that, as large as this number is, it probably represents only a fraction of the actual instances in which this interference occurs.

"Given the enormous numbers of instances in which this type of interference is experienced by consumers, it is our hope that this survey, notwithstanding its informality, will serve as a catalyst for affected parties to productively address and resolve this problem. As always, FOB remains ready to assist in that effort."

If you would like a copy of the survey, which includes a list of telephone models checked, send an SASE with two units of first class postage to the Technical Information Service at ARRL HQ.

#### HamVention names award winners

For the fourth time in the past five years, an ARRL dignitary has been named the Dayton HamVention Amateur of the Year.

Chosen this year was Perry Williams, W1UED, who retires at the end of April as ARRL Washington Area Coordinator, after 40 years of League service.

Perry joined the Headquarters staff in 1954, and in 1975 took the reins of a new department, Membership Services. In 1980 he became Washington Area Coordinator.

Perry is featured in a story about the League's Washington office in April QST.

Receiving the Technical Achievement Award is Dick Newell, AK1A, of Bolton, Massachusetts, the inventor of PacketCluster. Newell, 43, began experimenting with what he called a "packet conference board system" in 1986, and sold his first PacketCluster software in 1988.

Today, more than 600 PacketClusters are operating, in 34 countries. Version 6 is in the works for a planned introduction at the HamVention. In December 1990 Newell left his job to devote full time to PacketCluster, for 18 months working on the Amateur Radio version. Today, he is a part of Harvard Radio, and a commercial version, called PacketCluster Systems, is being marketed to public safety agencies.

"In the beginning," Newell said, "I thought if I could sell five PacketClusters, I could buy that Alpha amplifier I'd always wanted. Now it's estimated that 40,000 to 45,000 amateurs regularly use a PacketCluster.

"This has certainly kept me off the streets the past eight years," Newell said.

A QST story about Dick Newell appeared in August 1990 QST, page 54.

The DARA Special Achievement Award goes to Russ Kroeker, N7HGE, of Kent, Washington, whom the DARA credits with "conceiving, planning, implementing, and operating" the Evergreen Intertie, a system of interlinked repeaters stretching from Oregon to British Columbia and east over the Rocky Mountains.

Kroeker, 53, has been with the Boeing Co. for 20 years and currently is a manager for electronic product development. He was first licensed in 1986, when the Evergreen Intertie was born. "It was the brainchild of Richard Fryer, VE70G," Kroeker says, "beginning with a single link between two repeater systems across the border."

Kroeker at the time was chairman of the repeater committee of the Boeing Employees Amateur Radio Society (BEARS), and became involved in designing a link controller to expand and improve the system. "Boeing has supported the project over the years," Kroeker said.

Before joining Boeing, Kroeker worked in Malawi (then called Nyasaland), designing VHF links between broadcast stations and building radio studios. He was first there while a student at Rutgers University, in 1962, as part of Operation Crossroads Africa.

Kroeker's current involvement in the mature Evergreen Intertie is as a consultant, "helping out when there are political or technical problems such as siting of repeaters."

A description of the Evergreen Intertie was in June 1991 QST, page 83.

Previous Dayton Hams of the Year include former ARRL President Harry Dannals, W2HD (1993); International Amateur Radio Union President and former ARRL General Manager Dick Baldwin, W1RU (1992); and ARRL Hudson Division Director Steve Mendelsohn, WA2DHF (1990).

The awards will be presented at the Dayton HamVention, April 29 to

May 1, 1994.

#### FCC's PRIVATE RADIO CHIEF NAMED TO PCS TASK FORCE

FCC Private Radio Bureau Chief Ralph Haller has been named to head a Commission task force on personal communication services (PCS).

The Commission said that the task force would provide "a focal point for all of the PCS issues currently before" it. The task force would work with all of the FCC's bureaus and offices that are involved in PCS issues, and would be responsible "for assuring consistency between policies and rules for narrow-band and wide-band PCS."

FCC Chairman Reed Hundt said that "I am confident that under the leadership of Ralph Haller, the PCS task force will lead the Commission in the timely development of a comprehensive regulatory framework for PCS."

Other members of the task force include Tom Stanley, Chief Engineer; Robert Pepper, Chief, Office of Plans and Policy; Donald Gips, Deputy Chief, Office of Plans and Policy; and Michael Katz, Chief Economist.

#### ARRL VOLUNTEERS HELP HEAD OFF NY PLATE FEES

New York state amateurs will soon be able to obtain distinctive call sign plates, according to ARRL Public Information Coordinator Stephan Anderman, WA3RKB. The original bill in the New York State Assembly was flawed, in that it would have included a \$15 annual surcharge. When ARRL Government Liaison Phil Bradway, KB2HQ, learned of the problem with the bill, he contacted the Tryon Amateur Radio Club, of Gloversville, who had been behind the design of the new plates.

The NY Department of Motor Vehicles was alerted to the problem and the bill was withdrawn, removing the threat of increased cost to amateurs. The new plates will carry the same \$5 annual surcharge as the old; an initial fee of \$18.00 will pay for the plate, Anderman said.

#### BRIEFS

\* The ARRL has begun mailing FCC amateur license expiration notices to its members. The notices, including an envelope addressed to the FCC's processing facility in Gettysburg, Pennsylvania, are sent 90 days before the license expiration date and are generated from the FCC database. Addresses are cross-checked with the ARRL membership database and the QST mailing address is used if it is different from the address in the FCC database.

\* Closing date for nominations for the Westlink Report Young Ham of the Year award is April 30, 1994. Amateurs aged 18 or younger are eligible, with emphasis on those with unusual qualifications such as participation in emergency communication operations, assisting with licensing classes, and so on, according to Bill Pasternak, WA6ITF.

The award is underwritten by Yaesu USA. The winner will be notified in early May and will receive a trip to the Sea Pac convention in Seaside, Oregon, on June 4 and 5, to receive the award. Official applications for nomination are available from Westlink, 28197 Robin Avenue, Saugus, California 91350.

\* Here are the FCC's amateur licensing figures as of the end of 1993:

|          |         |
|----------|---------|
| Extra    | 65,277  |
| Advanced | 112,637 |

|            |         |
|------------|---------|
| General    | 126,898 |
| Technician | 227,681 |
| Novice     | 99,105  |
| Total      | 631,598 |

The ranks of Extras grew by 6.5% during the year, Advanced by 2.5%, General by 1.4%, Technician by 18.5%, and Novice licensees were essentially unchanged.

\* Congratulations to ARRL HQ administrative assistant Lisa Delude (and husband Peter) on the birth of their first child, Nicole Emily, who arrived March 11.

\* Amateur Radio bulletin services will be the topic of a gathering at this year's Dayton HamVention. The session, called "Ham news and ham views from around the world," is scheduled to include Bill Pasternak, WA6ITF, of Newsline; Hap Holly, KC9RP, of the Radio Amateur Information Network (RAIN); former Radio Society of Great Britain president Peter Chadwick, G3RZP; radio host Len Winkler, KB7LPW; George Bowen, N2LQS, of the satellite-delivered show "This Week in Amateur Radio," and others.

The forum will run from 2:45 PM to 5 PM on Saturday, April 30, in HamVention Meeting Room 2. For more information, contact Pasternak at 708-635-6351 or RAIN at 805-296-7180.

\* "Shortwave listening is the ultimate form of QRP," the saying goes. ARRL Assistant Technical Editor Jim Kearman, KR1S, attended the Seventh Annual SWL Winterfest near Philadelphia on March 11 and 12 and found a number of licensed amateurs among the 200 or so listeners there. Those speaking at forums included Shel Dunham, W4OEL; Skip Arey, WB2GHA; Joe Buch, N2JB; Etgon Byington, N2KXT; Harold Hausenfluck, WB4JSP; and Alan Johnson, N4LUS.

Information on next year's Winterfest is available from Kris Field, 705 Gregory Drive, Horsham PA

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Marc B. Grant          Voice Mail: 214-246-1150
marchbg@netcom.com     Amateur Radio N5MEI
marchbg@esy.com        Computer & Information Security
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Date: 30 Mar 94 22:39:11 GMT  
From: dog.ee.lbl.gov!agate!msuinfo!cravitma@ucbvax.berkeley.edu  
Subject: But Seriously (was Re: New Award Announcement)  
To: info-hams@ucsd.edu

On Wed, 30 Mar 1994 16:18:46 GMT, strange alien beings caused Ed Hare (KA1CV) (ehare@arrl.org) to write:

> : 1) RCC Rag Chewers Club

> Well, although I applaud the encouragement of real contacts with real

> conversations, this just seems too easy on VHF simplex or through  
> a repeater. Keep it around, but we need something more challenging.

What about the ARRL friendship award or something similar? Ed or  
someone can fill in the details which I don't recall off the top of my  
head, but I think it involved contacting 26 hams whose suffixes each  
started with a different letter and exchanging RST, QTH and "one other  
interesting piece of information." Something like that, anyway.

> 73 from ARRL HQ, Ed

73,  
/Matthew

--

Matthew Cravit, N9VWG | All opinions expressed here are  
Michigan State University | my own. I don't speak for MSU  
E-Mail: cravitma@cps.msu.edu | and they don't speak for me.  
G0/CS -d+@ -p+ c++ !l u+(++) e+(\*) s/+ n+(---) h+ f+ !g w+(+++ ) t++@ r(+) y?

-----  
Date: 29 Mar 1994 23:23:48 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!nic-  
nac.CSU.net!news.Cerritos.edu!news.Arizona.EDU!nelson.as.arizona.edu!  
hlester@network.ucsd.edu  
Subject: CALLBOOK ON INTERNET  
To: info-hams@ucsd.edu

In article <CnErML.41F@eskimo.com> wrt@eskimo.com (Bill Turner) writes:

>  
>I know of one: telnet to callsign.cs.buffalo.edu 2000 and do the usual  
>readmes, etc. This is FCC data only, so no furriner info available. If  
>anyone knows of others, I'd like to know about 'em too.

telnet pc.usl.edu 2000 has more recent updates than does cs.buffalo.edu 2000.

Howard

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Date: Tue, 29 Mar 1994 23:26:29 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!  
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
tgm@network.ucsd.edu  
Subject: HELP! The FCC will not issue me a ham license  
To: info-hams@ucsd.edu

John W. Holman (jwh7k@galen.med.Virginia.EDU) wrote:

: It will be 90 days on April 6th since the FCC has had my application. This  
: is my first ham license, I have \_not\_ had a ham license canceled by the FCC.  
: Does anyone have any ideas what I can do to resolve this problem and  
: finally get a license?  
:

If the ARRL can't help you, call your local congressman. It is  
an election year, seven months to go till election day. Your  
congressman will help ...

Thomas

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Date: 30 Mar 1994 00:48:08 GMT

From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!  
europa.eng.gtefsd.com!emory!news-feed-2.peachnet.edu!concert!lester.appstate.edu!  
usenet@network.ucsd.edu

Subject: HELP! The FCC will not issue me a ham license

To: info-hams@ucsd.edu

In <tgmcnG945.69o@netcom.com> tgm@netcom.com writes:

> John W. Holman (jwh7k@galen.med.Virginia.EDU) wrote:

> : It will be 90 days on April 6th since the FCC has had my application. This  
> : is my first ham license, I have \_not\_ had a ham license canceled by the FCC.  
> : Does anyone have any ideas what I can do to resolve this problem and  
> : finally get a license?  
> :  
>

> If the ARRL can't help you, call your local congressman. It is  
> an election year, seven months to go till election day. Your  
> congressman will help ...

Chill out guys and gals.....it may not be a perfect world but the people  
in our club who tested around December 27 got their licenses about ten  
days ago.

I know it frustrating to wait but everyone seems to have to do it. Some  
time back there were postings in this group or rec.radio.amateur.misc  
that the FCC in Gettysburg only issues ham licenses one day per week and  
that there are delays at the VEC and at the FCC.

Marv Hoffman, KD4EGV  
Boone, NC



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Date: 29 Mar 1994 23:30:57 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!sdd.hp.com!  
col.hp.com!fc.hp.com!news.lvld.hp.com!scott@network.ucsd.edu  
Subject: Obscenity on ham bands  
To: info-hams@ucsd.edu

Dan Hughes (dhughes@prairienet.org) wrote:

: I just passed my no-code test last week, and have been listening to some  
: ham chatter on my SW receiver. Saturday night on 3910 kHz I heard some  
: of the most disgusting language I've encountered anywhere. One guy was  
: spouting one obscenity after another, and three other guys were laughing  
: at his inept signal and giving it right back to him. All but the  
: instigator were regularly giving their calls. Is this pretty much what I  
: have to look forward to?  
: --

You're going to get a lot of advice on this one, ranging from "go down  
to the CW subband, everyone's great there" to "bag HF and move up in  
frequency" to "it's not too bad, don't worry about it."

I guess I'd have to fall pretty much into the third camp. I'd hate to  
see good operators abandon HF phone due to a few idiots. Yup, there's a  
bit of obnoxious behaviour out there. Evenings on 75 meters (especially  
in the General phone band) can be... umm interesting. But for the most  
part, these folks need not spoil your enjoyment of the hobby. They're  
there, just as they're everywhere in society. Don't assign them more  
importance than they should have. Move off a bit and enjoy contacts  
with some of the fine folks who still inhabit the bands.

I'm fairly new at all of this too, and I don't like some of the  
behaviour I hear either, but I refuse to let it spoil my enjoyment.  
I've worked 49 states and quite a bit of DX on 75 phone this winter, and  
rarely has anyone managed to spoil my fun. I've enjoyed virtually every  
bit of it. Welcome to the hobby, and hang in there. There're a lot of  
really good folks to talk to, even on 75 phone!

(PS - Does anybody in Hawaii ever work 75 phone? I'd love to get my  
last state on the band, but I've never even heard a Hawaii station, let  
alone been able to contact one!)

Scott Turner N0VRF scott@hpsla.LVLD.HP.COM  
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Date: 30 Mar 94 20:04:07 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: QRZ Question...  
To: info-hams@ucsd.edu

I run a Maximus telephone BBS for our ham club, and we've installed a CD drive and the QRZ callsign CD. I attempted to use the QRZ.EXE search engine that is included w/ the CD w/o luck. What happens is this: When redirecting I/O to/from QRZ.EXE and the com port using the required syntax ie:

UsrRemote          F:\QRZ\_<com1\_>com1          Worthy          "Callbook"

The program starts fine, except for the following: None of the keys pressed for menu item selection is echoed, and you need to press carriage return twice to register the menu selection you typed. Other than these anomalies, the program works fine. To avoid confusing the user, we wrote a quickie callsign-only search engine to allow use of the callbook, but the users are clamoring for the complete search capability of the QRZ program. I contacted the author of QRZ but he could not duplicate the problem due to not having a Maximus installation to evaluate. He claims that QRZ.EXE works fine w/ most BBS "door" setups, so I suspect that the problem is with Maximus. Does anyone on the net have any experience with Maximus and QRZ????????? Please email any ideas, replies, to me, as I'm only getting the newsgroup digest, and might miss any newsgroup posts.....

Thanks in advance,

Dave Frandin, WA6QNW

dfrandin@horizons.com

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Date: 29 Mar 1994 16:38:59 -0600  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
europa.eng.gtefsd.com!news.umbc.edu!eff!news.kei.com!ddsw1!not-for-  
mail@network.ucsd.edu  
Subject: silent 700 pinouts?  
To: info-hams@ucsd.edu

A friend of mine wants to use a silent 700 (model 745) to talk to a TNC. The serial port on this particular model is a DB15 and not a DB25 connector. Does anyone know what the pinout would be for this unit?

TNX

pete

pcs@impchi.mcs.com

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Date: 30 Mar 94 21:45:49 GMT  
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!pacbell.com!unet!loren!  
larson@ucbvax.berkeley.edu  
Subject: STOP SENDING HAMS ON USENET CRAP !!!  
To: info-hams@ucsd.edu

In article <764973671snx@bsdihi.atr.bso.nl> dihi@bsdihi.atr.bso.nl (Dick Hissink) writes:

>It happens again and again. Every couple of weeks six tremendous large  
>files with AMATEURS ON USENET. This times each part from the six even  
>three times. I think al the FCC's and PTT's like it, because it keeps  
>my modem so busy....  
>  
>ok, ok, I know it is a lot of work to keep this list updated and, ok it  
>is usefull to know who you can reach by usenet. But why not this alternative:  
>  
>AMATEURS ON USENET: Those interested can download the latest updated  
>version by ftp form server....  
>  
>This saves a lot of unnecessary downloadtimes, my phonebill and I must  
>say some irritation.  
>What do Y'all think of my idea??

I think your idea will not work for the majority of readers who do not have FTP access.

I \*LIKE\* having the stuff posted every now and then. It sort of helps keep out the stupid FAQ type questions.

Why do you download it each time?

Alan

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Date: Tue, 29 Mar 1994 22:50:33 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!  
yeshua.marcam.com!news.kei.com!world!drt@network.ucsd.edu  
To: info-hams@ucsd.edu

References <2n7901\$6n4@apple.com>, <CnECJu.2L0@news.Hawaii.Edu>,

<1994Mar29.143925.20248@ke4zv.atl.ga.us>  
Subject : Re: 1x1 Callsigns?

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:  
: In article <CnECJu.2L0@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeffrey  
Herman) writes:

: >  
: >Kok: Know who first used 'iff' in the literature? Hint: He used to be  
: >Chairman of the U.H. Math Dept. (didn't stay long, though...) and he  
: >is quite famous. [VERY big hint: his initials are P.H.]

: PAUL HARVEY used to be chairman of the UH math department???

And now you know ... the REST of the story!

-drt

(If I hadn't, someone else would've ... :-)

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Date: 29 Mar 1994 23:32:18 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!wupost!  
crcnis1.unl.edu!unlinfo.unl.edu!mcduffie@network.ucsd.edu  
To: info-hams@ucsd.edu

References <Cn8ttu.AHI@news.Hawaii.Edu>, <1994Mar26.180734.6273@ke4zv.atl.ga.us>,  
<bote.764956814@access1>  
Subject : Re: Plain old repeaters

bote@access1.digex.net (John Boteler) writes:

>gary@ke4zv.atl.ga.us (Gary Coffman) writes:  
>>Mr. Herman wrote:  
>>>Gary: I'll be disappointed if your repeater beeps.

>>Sorry, you're disappointed. It does "roger beep" to signal user  
>>carrier drop and timer reset. We run near zero tail so remote base  
>>operators aren't locked out. We tried it without the beep, but users  
>>complained they couldn't get in the machine. They couldn't hear their  
>>kerchunk because their receivers weren't recovering fast enough. The  
>>beep gives them 300 ms to recover. Users with noiseless squelch radios  
>>never knew when the repeater dropped without the beep.

>I cannot believe what I am reading.

>Just when you had built up my respect for you, Gary,  
>you go a do something like this! :)

>Instead of giving them training-wheel beeps to tell when  
>the repeater has dropped, maybe they should actually  
>wait a second to see that the other guy has  
>finished transmitting.

Okay... I'll bite. Have we quit building full duplex remote bases now?  
The remote shouldn't care if there is a zero tail or a 20 second tail.  
What gives?

Gary (not THAT one, the OTHER one!)

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End of Info-Hams Digest V94 #348

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